

CARGO POD - INSPECTION/CHECK

1. General

A. This section has the inspections and checks necessary to keep the cargo pod components in a serviceable condition.

TASK 25-52-00-210

2. Cargo Pod Zonal Inspection

A. General

- (1) The Zonal Inspection Program (ZIP) includes a series of General Visual Inspection (GVI) tasks. This section gives ZIP procedures for a zonal inspection of the cargo pod.

NOTE: Each zonal inspection includes a GV/GVI to find the general condition and security of items included in the ZIP. The zonal inspections will be completed at a distance no more than an arms length. This includes an examination for signs of degradation such as corrosion, cracks, chafing of tubing, loose duct support, wiring damage, cable and pulley wear, fluid leaks, insufficient drainage, and for other conditions which could cause corrosion or damage.

B. Special Tools

- (1) None

C. Access

- (1) Open all cargo pod doors.
- (2) Remove the cargo pod upholstery.

D. Do a Zonal Inspection of the Cargo Pod.

- (1) Examine the heat shield that is installed on the right forward side of the cargo pod for security and condition.
 - (a) If there is heat damage to the front section of the pod, Refer to CAB89-30 (SK208-69).
- (2) Examine the condition of sealant between the pod and the fuselage.
 - (a) If sealing or spot sealing is needed, use the approved sealant type. Refer to Chapter 20, Fuel, Weather and High-Temperature Sealing - Maintenance Practices.
- (3) If installed, examine the TKS anti-ice fluid tank and components for condition and security of installation.
- (4) Thoroughly clean the interior pod area.
- (5) Examine the interior and the exterior structure for condition and security of installation, bulges in surface skin, cuts in the exterior or the interior skins, and blistered or peeled paint.
 - (a) If you find a cut with the fiber showing on the interior or the exterior skin, you must do an immediate repair to prevent moisture contamination to the interior structure. Refer to Cargo Pod - Approved Repairs.
- (6) Examine all wire bundle assemblies and the electrical components for signs of overheating, correct installation, frayed or chafed wiring insulation, electrical bonding, damage, and corrosion. Refer to Chapter 20, High Intensity Radiated Fields (HIRF) - Inspection/Check, Internal Zonal Visual Inspection of Lightning and High Intensity Radiated Fields.
- (7) Examine all of the systems and structural components for damage, corrosion, cracks, loose fasteners, loose/misalignment, and correct installation.
- (8) Examine all tubing, hose, and fluid fittings for signs of leaks, damage and chafing, and correct clamp installation.
- (9) Examine all placards and markings for security of installation, legibility, and correct location. For the correct placards and placard locations, refer to the Model 208 Illustrated Parts Catalog or the Pilot's Operating Handbook.
- (10) Examine for contamination and look carefully for quantities of combustible material.
 - (a) Remove all of the combustible material that has collected.

NOTE: Combustible material can be fuel vapor, engine oil, and/or dust or lint that has collected.

NOTE: An inspection for contamination and combustible material meets the requirements of the Enhanced Zonal Inspection Program.

- (11) Examine the pod drain holes for obstructions.
- (12) Examine the rubber door seals for condition and correct attachment.
- (13) Examine the cargo pod door hinges and the latches for signs of damage, wear, security, and loose or failed

fasteners..

(a) Make sure that the latches operate correctly.

(14) Examine the door structure for cracks, delamination, and general condition.

(a) If you think there is damage or delamination, Refer to Cargo Pod - Approved Repairs.

E. Restore Access

(1) Install the cargo pod upholstery.

(2) Close all cargo pod doors.

END OF TASK

TASK 25-52-00-710

3. Cargo Pod Drains Operational Check

A. General

(1) This task gives the information needed to do an operational check of the cargo pod drains.

B. Special Tools

(1) Air Compressor

(2) Approved Container

C. Access

(1) Open the cargo pod doors. Refer to Cargo Pod - Maintenance Practices.

D. Do the Cargo Pod Drains Operational Check.

(1) Examine the fuselage drain system for condition, security and evidence of water leaks. Inspect drain tube outlets for obstructions.

(2) Examine the pod drain holes for obstructions.

(3) Thoroughly clean the interior pod area.

(4) Use shop air to blow any obstructions from the cargo pod drain holes.

(5) Put an approved container under the cargo pod drain hole and pour water through drain hole to make sure there is correct drainage.

E. Restore Access

(1) Close the cargo pod doors. Refer to Cargo Pod - Maintenance Practices.

END OF TASK